

Title (en)

FACEMASKS WITH MATERIAL LAYERS FOR ENHANCED BONDING PROCESS

Title (de)

GESICHTSMASKEN MIT MATERIALSCHICHTEN FÜR EIN VERBESSERTES KLEBEVERFAHREN

Title (fr)

MASQUES FACIAUX DOTÉS DE COUCHES DE MATÉRIAUX POUR PROCÉDÉ DE COLLAGE AMÉLIORÉ

Publication

EP 3393286 A1 20181031 (EN)

Application

EP 15828551 A 20151223

Priority

US 2015000266 W 20151223

Abstract (en)

[origin: WO2017111783A1] A disposable facemask is provided having a filter body with an opening sized to cover the nose and mouth of a wearer. The filter body further includes an outer mask layer (30) and an inner mask layer (32), and one or more intermediate layers (34) disposed between the outer and inner mask layers. At least one of the intermediate layers is a nonwoven web layer including thermoplastic filaments formed from a random copolymer, or a random copolymer blended with a homopolymer.

IPC 8 full level

A41D 13/11 (2006.01)

CPC (source: EP US)

A41D 13/11 (2013.01 - EP US); **A41D 13/1123** (2013.01 - EP US); **A62B 23/025** (2013.01 - EP US); **B01D 39/1623** (2013.01 - US); **B32B 5/022** (2013.01 - US); **B32B 5/26** (2013.01 - US); **A41D 2400/52** (2013.01 - EP US); **A41D 2500/30** (2013.01 - EP US); **A41D 2500/52** (2013.01 - EP US); **B01D 2239/0618** (2013.01 - US); **B01D 2239/0622** (2013.01 - US); **B01D 2239/0627** (2013.01 - US); **B01D 2239/065** (2013.01 - US); **B32B 2250/20** (2013.01 - US); **B32B 2250/24** (2013.01 - US); **B32B 2250/40** (2013.01 - US); **B32B 2262/0253** (2013.01 - US); **D04H 3/005** (2013.01 - US); **D10B 2401/041** (2013.01 - US)

Citation (search report)

See references of WO 2017111783A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017111783 A1 20170629; AU 2015417918 A1 20180719; AU 2015417918 B2 20211118; CA 3009622 A1 20170629; EP 3393286 A1 20181031; JP 2019503437 A 20190207; JP 6818030 B2 20210120; MX 2018007580 A 20181109; US 2019000162 A1 20190103

DOCDB simple family (application)

US 2015000266 W 20151223; AU 2015417918 A 20151223; CA 3009622 A 20151223; EP 15828551 A 20151223; JP 2018533208 A 20151223; MX 2018007580 A 20151223; US 201516064678 A 20151223